

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122321\  
 Data File : PL071602.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2021 14:53  
 Operator : AR\AJ  
 Sample : M5202-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 01:01:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 14:29:34 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 4.561  | 5.498  | 9183108  | 23298415 | 19.374   | 19.557     |
| 28)                         | SA Decachlor... | 10.320 | 11.387 | 13403405 | 22707263 | 20.174   | 20.900     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.267  | 6.078  | 32586808 | 87307876 | 51.239   | 50.769     |
| 3)                          | MA gamma-BHC... | 5.690  | 6.474  | 32035125 | 80932389 | 49.025   | 50.706     |
| 4)                          | MA Heptachlor   | 6.096  | 7.120  | 34558034 | 80475790 | 50.024   | 50.416     |
| 5)                          | MB Aldrin       | 6.420  | 7.490  | 32971175 | 79456466 | 53.544   | 54.401     |
| 6)                          | B beta-BHC      | 6.073  | 6.732  | 14369806 | 36094435 | 50.323   | 45.093     |
| 7)                          | B delta-BHC     | 6.332  | 6.998  | 31343904 | 74496583 | 50.116   | 48.756     |
| 8)                          | B Heptachlo...  | 6.997  | 7.957  | 31822024 | 72220911 | 51.993   | 53.839     |
| 9)                          | A Endosulfan I  | 7.399  | 8.362  | 29779665 | 65114086 | 51.295   | 54.251     |
| 10)                         | B gamma-Chl...  | 7.274  | 8.227  | 32695003 | 72193344 | 52.673   | 55.833     |
| 11)                         | B alpha-Chl...  | 7.343  | 8.307  | 32595254 | 70589566 | 52.260   | 55.558     |
| 12)                         | B 4,4'-DDE      | 7.559  | 8.497  | 29589823 | 68682385 | 54.220   | 57.660     |
| 13)                         | MA Dieldrin     | 7.685  | 8.651  | 31836412 | 69678605 | 54.365   | 57.311     |
| 14)                         | MA Endrin       | 7.976  | 8.890  | 27170300 | 53241776 | 49.606   | 52.553     |
| 15)                         | B Endosulfa...  | 8.288  | 9.125  | 29770845 | 59817084 | 54.623   | 59.276     |
| 16)                         | A 4,4'-DDD      | 8.145  | 9.037  | 26078633 | 55069576 | 55.407   | 62.388     |
| 17)                         | MA 4,4'-DDT     | 8.405  | 9.354  | 23511806 | 48502169 | 46.071   | 49.049     |
| 18)                         | B Endrin al...  | 8.477  | 9.260  | 23344288 | 45413570 | 54.896   | 60.289     |
| 19)                         | B Endosulfa...  | 8.707  | 9.498  | 29323271 | 54309452 | 51.076   | 55.412     |
| 20)                         | A Methoxychlor  | 9.000  | 9.841  | 14762499 | 24848388 | 45.578   | 49.502     |
| 21)                         | B Endrin ke...  | 9.225  | 9.995  | 35964728 | 60146004 | 54.529   | 57.196     |
| 22)                         | Mirex           | 9.408  | 10.458 | 31740099 | 47808843 | 54.708   | 59.401     |
| 23)                         | Chlordane-1     | 0.000  | 6.903f | 0        | 170699   | N.D.     | 3.714 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.490f | 0        | 79456466 | N.D.     | 1684.859 # |
| 25)                         | Chlordane-3     | 7.274  | 8.227  | 32695003 | 72193344 | 564.256  | 412.402 #  |
| 26)                         | Chlordane-4     | 7.343  | 8.307  | 32595254 | 70589566 | 525.097  | 336.215 #  |
| 27)                         | Chlordane-5     | 8.288  | 9.178f | 29770845 | 154458   | 1392.115 | 4.396 #    |
| -----                       |                 |        |        |          |          |          |            |

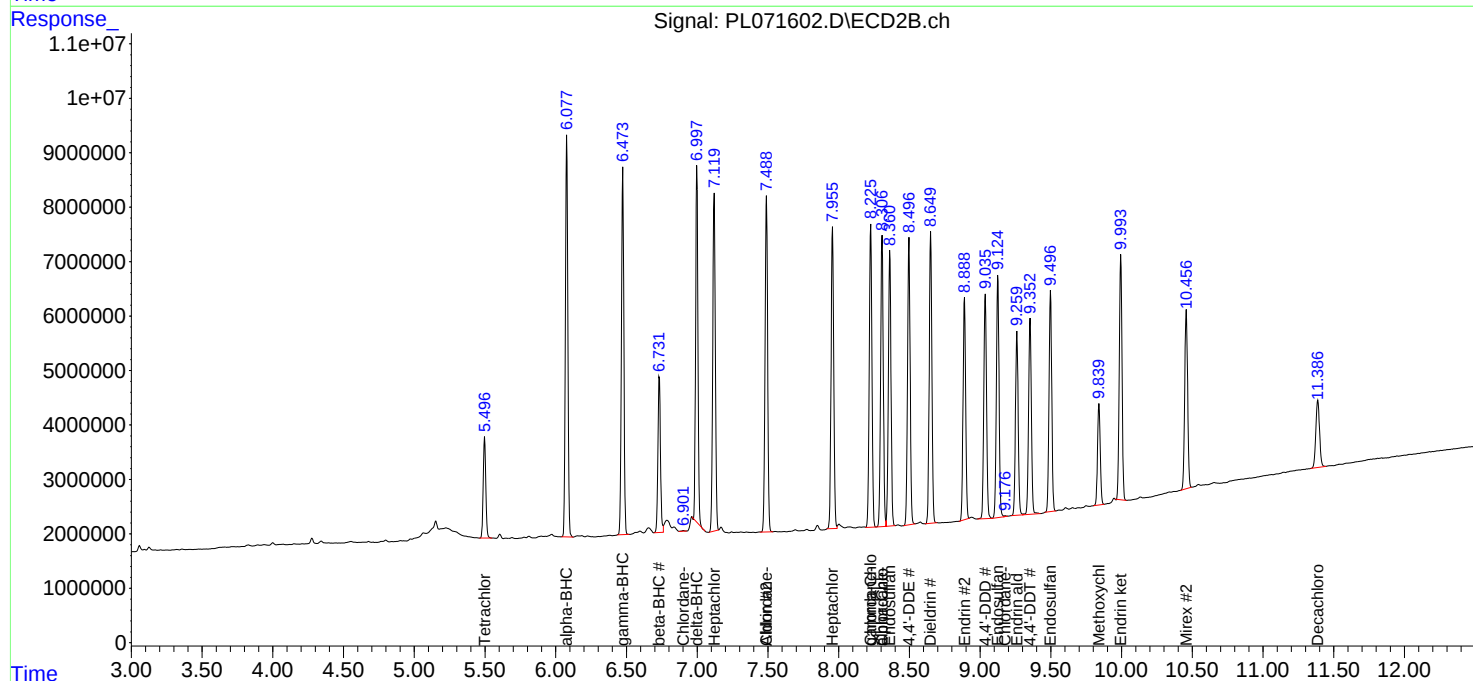
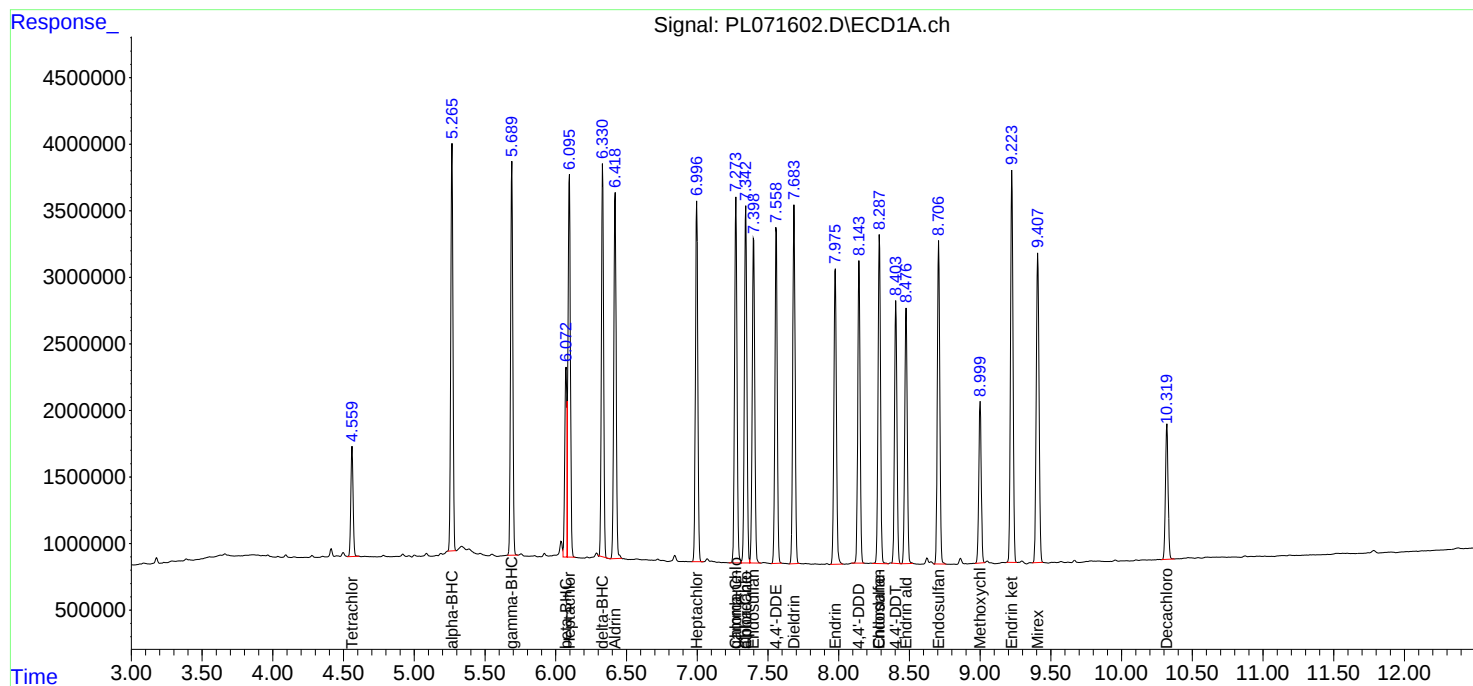
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

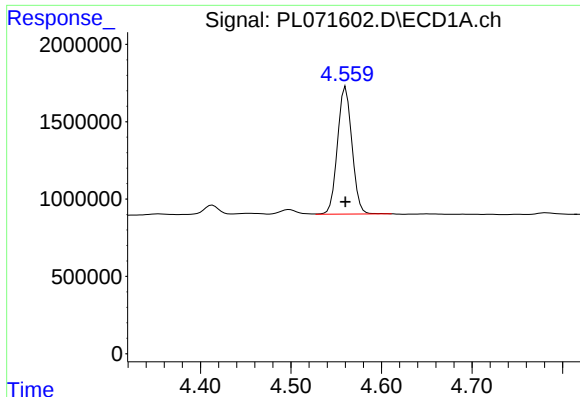
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122321\  
 Data File : PL071602.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2021 14:53  
 Operator : AR\AJ  
 Sample : M5202-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 01:01:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 14:29:34 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

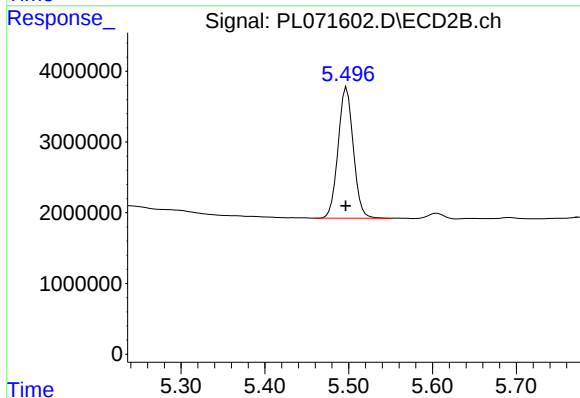




#1 Tetrachloro-m-xylene

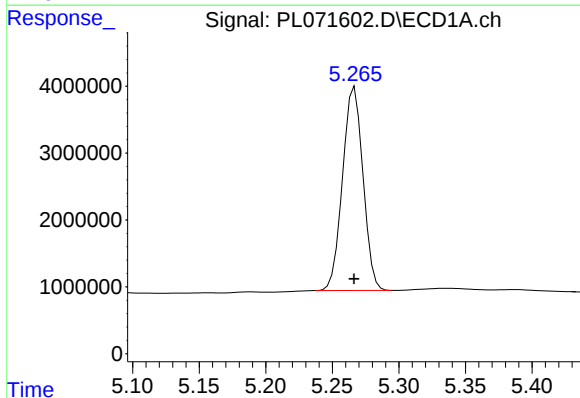
R.T.: 4.561 min  
Delta R.T.: 0.000 min  
Response: 9183108  
Conc: 19.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



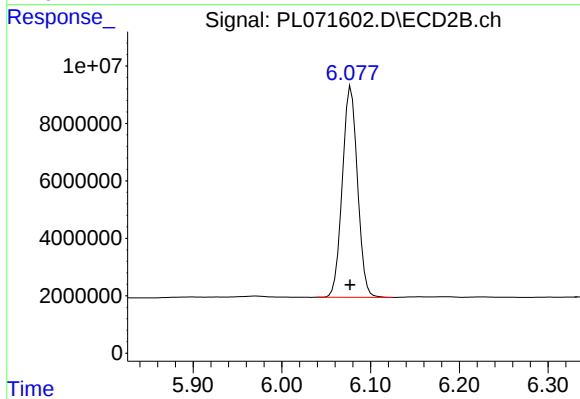
#1 Tetrachloro-m-xylene

R.T.: 5.498 min  
Delta R.T.: 0.001 min  
Response: 23298415  
Conc: 19.56 ng/ml



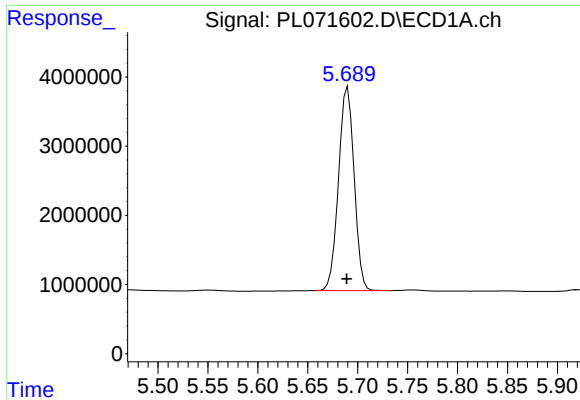
#2 alpha-BHC

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 32586808  
Conc: 51.24 ng/ml



#2 alpha-BHC

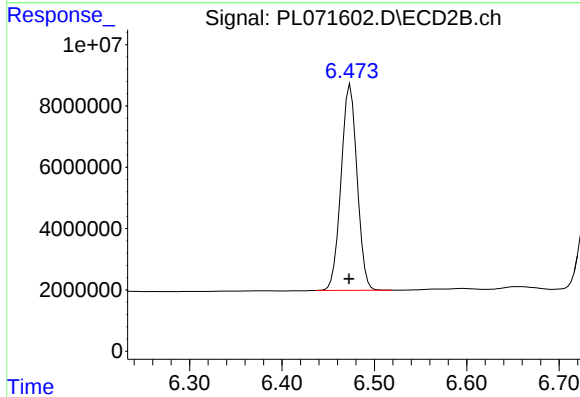
R.T.: 6.078 min  
Delta R.T.: 0.001 min  
Response: 87307876  
Conc: 50.77 ng/ml



#3 gamma-BHC (Lindane)

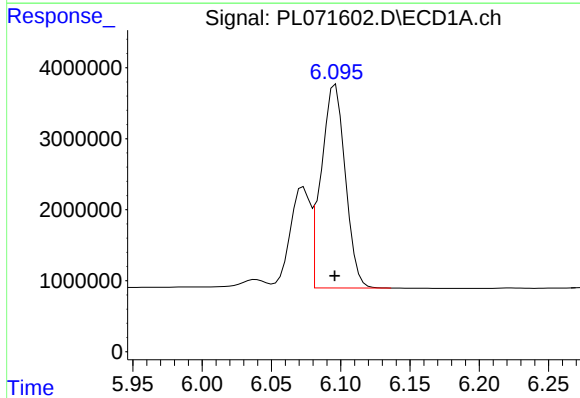
R.T.: 5.690 min  
Delta R.T.: 0.001 min  
Response: 32035125  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



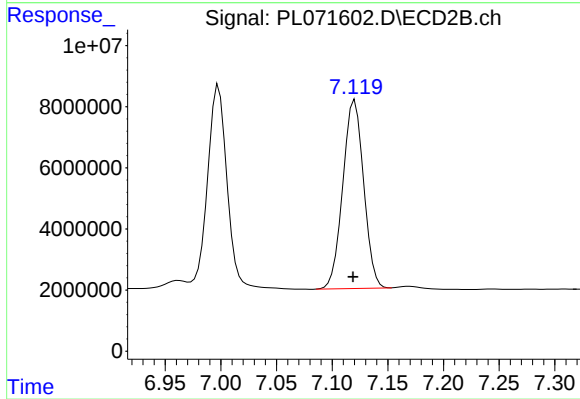
#3 gamma-BHC (Lindane)

R.T.: 6.474 min  
Delta R.T.: 0.002 min  
Response: 80932389  
Conc: 50.71 ng/ml



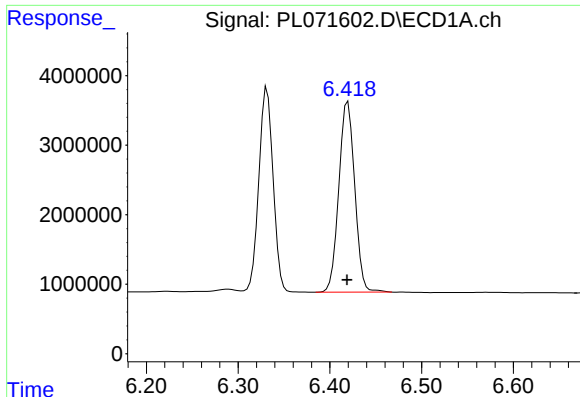
#4 Heptachlor

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 34558034  
Conc: 50.02 ng/ml



#4 Heptachlor

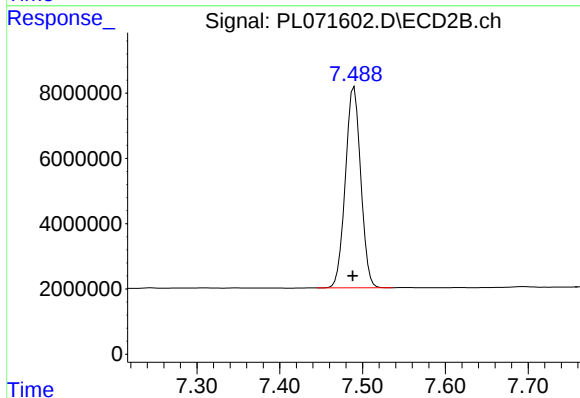
R.T.: 7.120 min  
Delta R.T.: 0.002 min  
Response: 80475790  
Conc: 50.42 ng/ml



#5 Aldrin

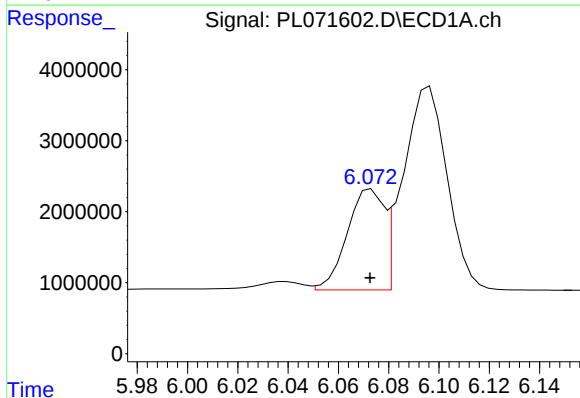
R.T.: 6.420 min  
Delta R.T.: 0.001 min  
Response: 32971175  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



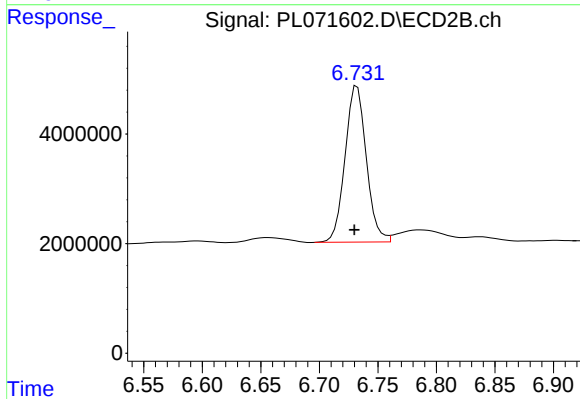
#5 Aldrin

R.T.: 7.490 min  
Delta R.T.: 0.002 min  
Response: 79456466  
Conc: 54.40 ng/ml



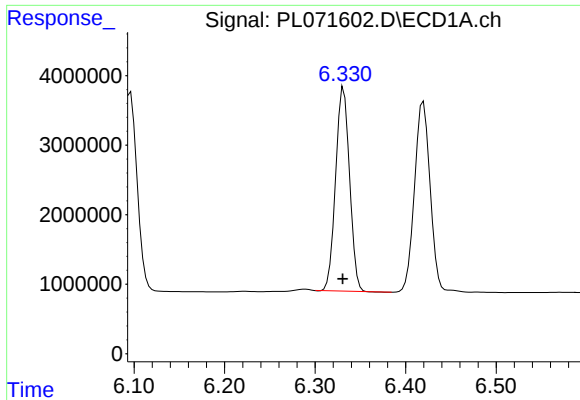
#6 beta-BHC

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 14369806  
Conc: 50.32 ng/ml



#6 beta-BHC

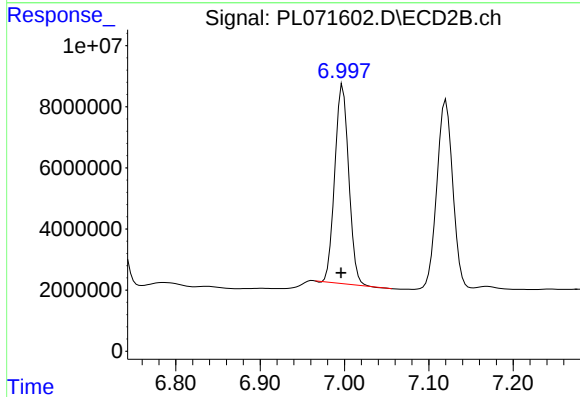
R.T.: 6.732 min  
Delta R.T.: 0.002 min  
Response: 36094435  
Conc: 45.09 ng/ml



#7 delta-BHC

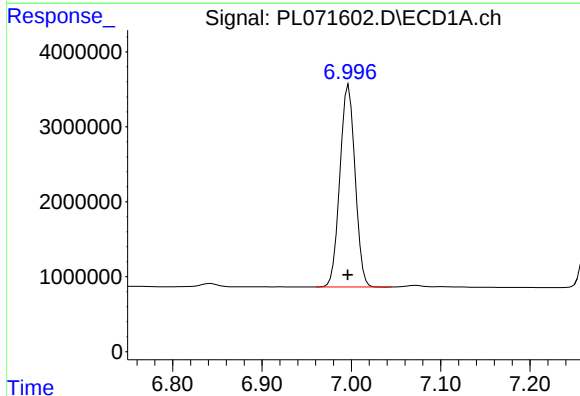
R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 31343904  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



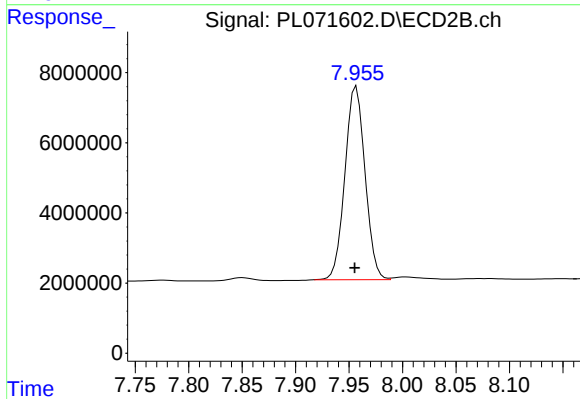
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: 0.002 min  
Response: 74496583  
Conc: 48.76 ng/ml



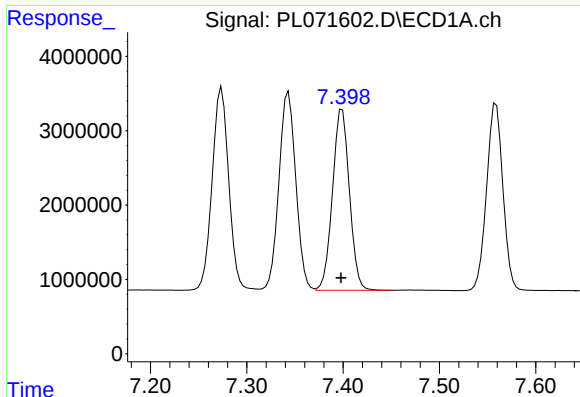
#8 Heptachlor epoxide

R.T.: 6.997 min  
Delta R.T.: 0.001 min  
Response: 31822024  
Conc: 51.99 ng/ml



#8 Heptachlor epoxide

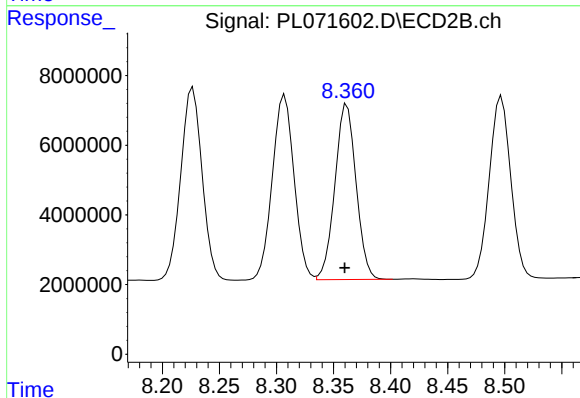
R.T.: 7.957 min  
Delta R.T.: 0.002 min  
Response: 72220911  
Conc: 53.84 ng/ml



#9 Endosulfan I

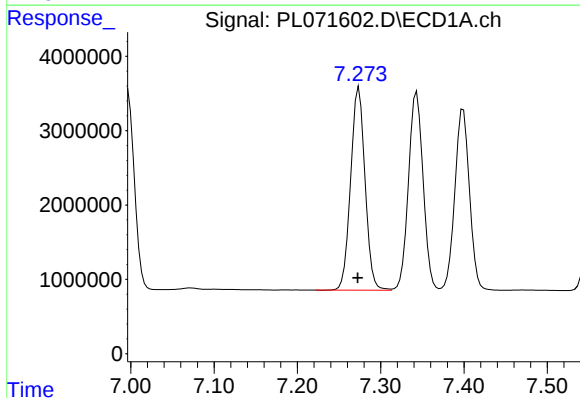
R.T.: 7.399 min  
Delta R.T.: 0.001 min  
Response: 29779665  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



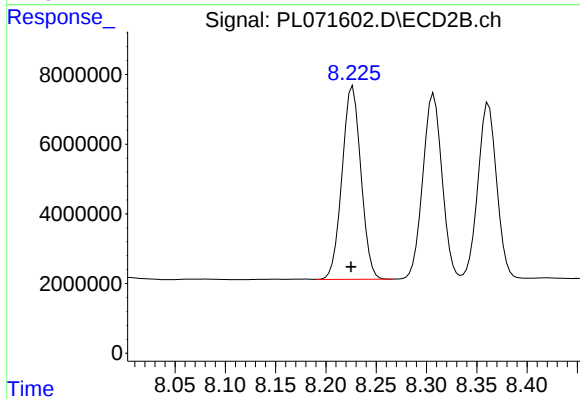
#9 Endosulfan I

R.T.: 8.362 min  
Delta R.T.: 0.002 min  
Response: 65114086  
Conc: 54.25 ng/ml



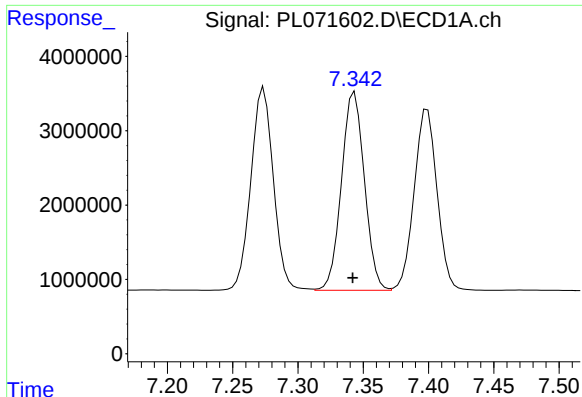
#10 gamma-Chlordane

R.T.: 7.274 min  
Delta R.T.: 0.001 min  
Response: 32695003  
Conc: 52.67 ng/ml



#10 gamma-Chlordane

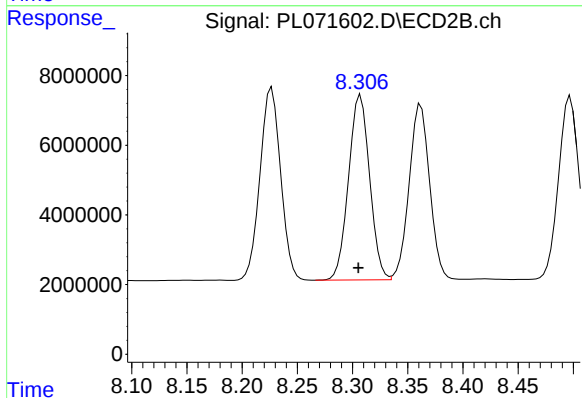
R.T.: 8.227 min  
Delta R.T.: 0.002 min  
Response: 72193344  
Conc: 55.83 ng/ml



#11 alpha-Chlordane

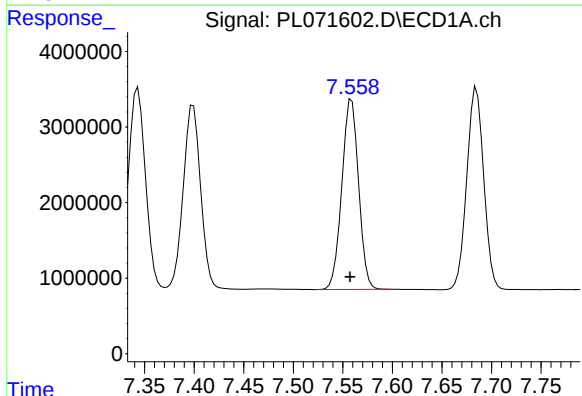
R.T.: 7.343 min  
Delta R.T.: 0.001 min  
Response: 32595254  
Conc: 52.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



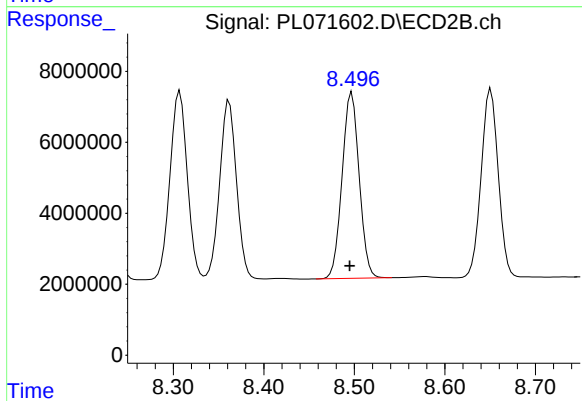
#11 alpha-Chlordane

R.T.: 8.307 min  
Delta R.T.: 0.002 min  
Response: 70589566  
Conc: 55.56 ng/ml



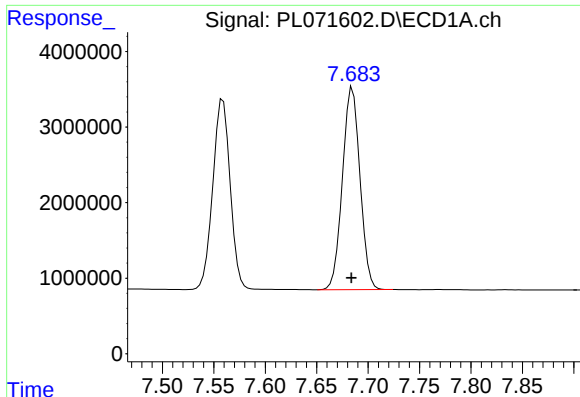
#12 4,4'-DDE

R.T.: 7.559 min  
Delta R.T.: 0.002 min  
Response: 29589823  
Conc: 54.22 ng/ml



#12 4,4'-DDE

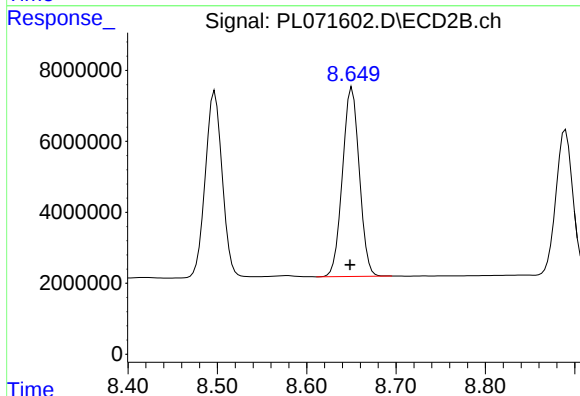
R.T.: 8.497 min  
Delta R.T.: 0.002 min  
Response: 68682385  
Conc: 57.66 ng/ml



#13 Dieldrin

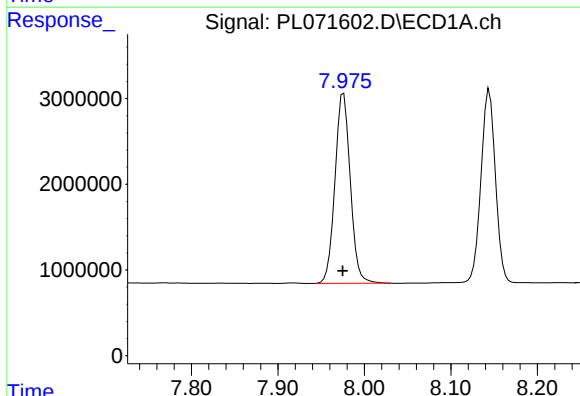
R.T.: 7.685 min  
Delta R.T.: 0.001 min  
Response: 31836412  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



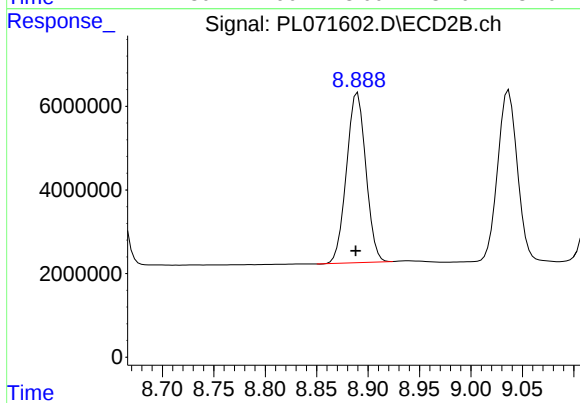
#13 Dieldrin

R.T.: 8.651 min  
Delta R.T.: 0.002 min  
Response: 69678605  
Conc: 57.31 ng/ml



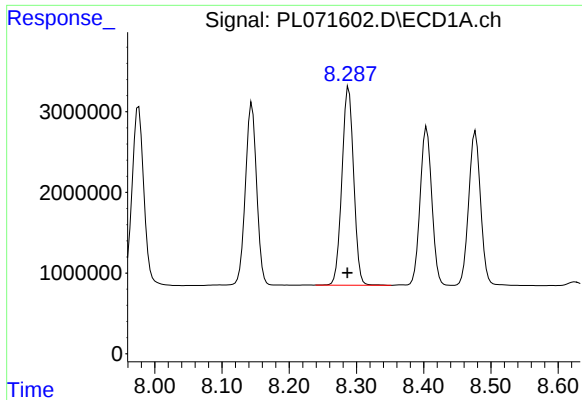
#14 Endrin

R.T.: 7.976 min  
Delta R.T.: 0.001 min  
Response: 27170300  
Conc: 49.61 ng/ml



#14 Endrin

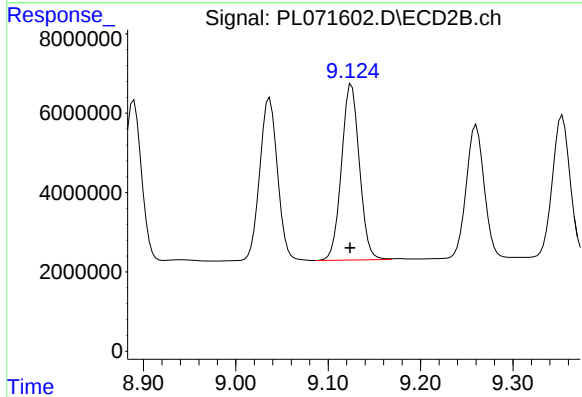
R.T.: 8.890 min  
Delta R.T.: 0.002 min  
Response: 53241776  
Conc: 52.55 ng/ml



#15 Endosulfan II

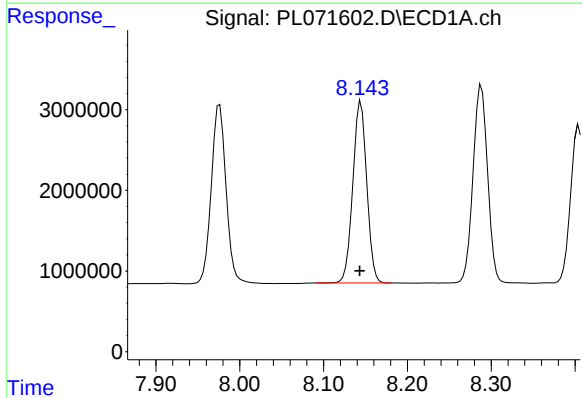
R.T.: 8.288 min  
Delta R.T.: 0.002 min  
Response: 29770845  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



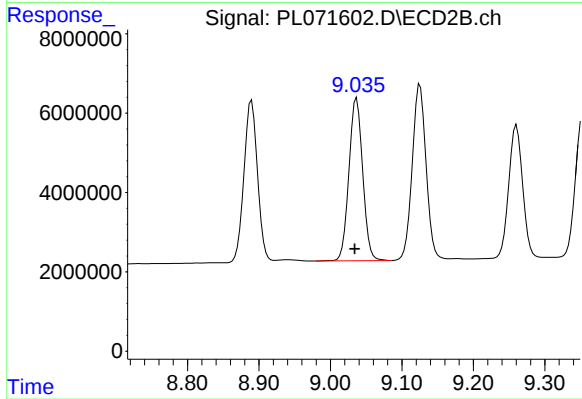
#15 Endosulfan II

R.T.: 9.125 min  
Delta R.T.: 0.002 min  
Response: 59817084  
Conc: 59.28 ng/ml



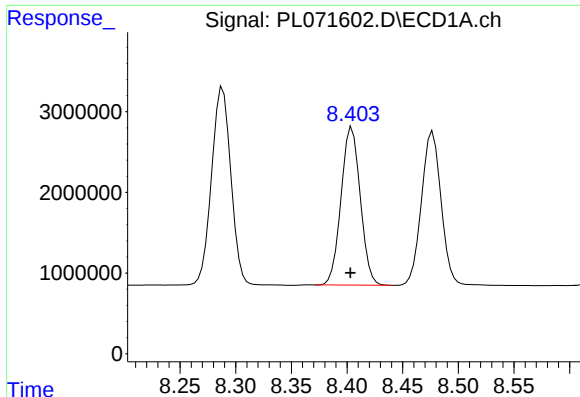
#16 4,4'-DDD

R.T.: 8.145 min  
Delta R.T.: 0.002 min  
Response: 26078633  
Conc: 55.41 ng/ml



#16 4,4'-DDD

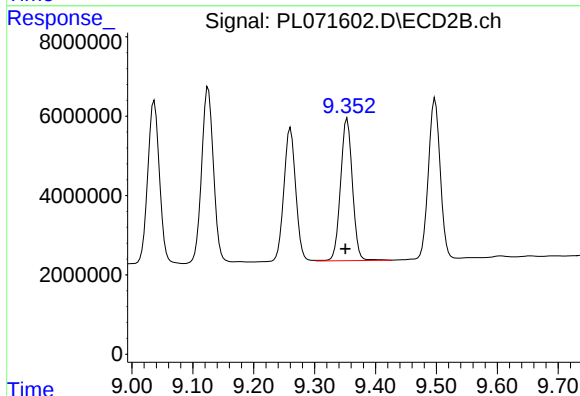
R.T.: 9.037 min  
Delta R.T.: 0.003 min  
Response: 55069576  
Conc: 62.39 ng/ml



#17 4,4'-DDT

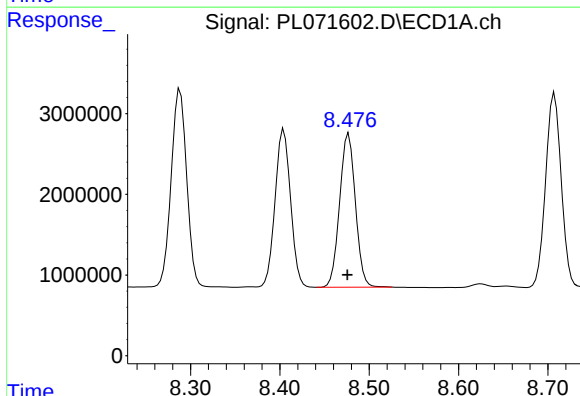
R.T.: 8.405 min  
Delta R.T.: 0.001 min  
Response: 23511806  
Conc: 46.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



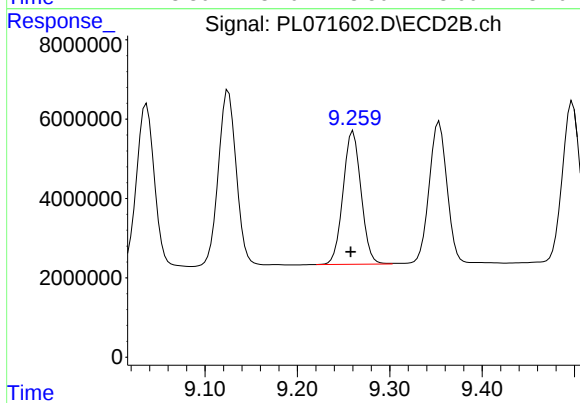
#17 4,4'-DDT

R.T.: 9.354 min  
Delta R.T.: 0.003 min  
Response: 48502169  
Conc: 49.05 ng/ml



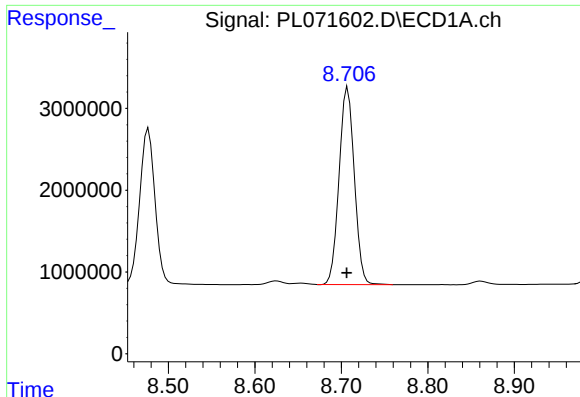
#18 Endrin aldehyde

R.T.: 8.477 min  
Delta R.T.: 0.001 min  
Response: 23344288  
Conc: 54.90 ng/ml



#18 Endrin aldehyde

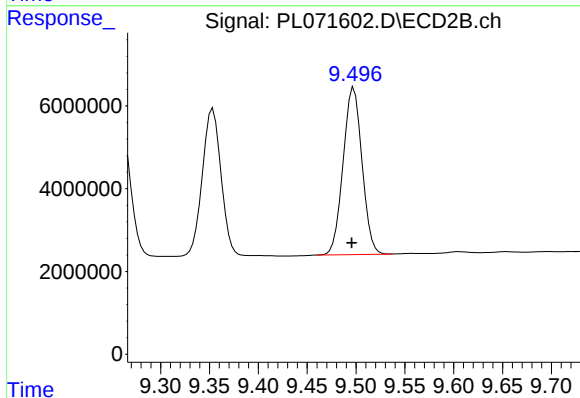
R.T.: 9.260 min  
Delta R.T.: 0.003 min  
Response: 45413570  
Conc: 60.29 ng/ml



#19 Endosulfan Sulfate

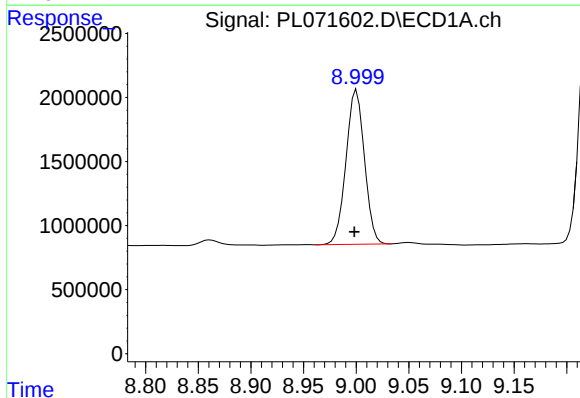
R.T.: 8.707 min  
Delta R.T.: 0.001 min  
Response: 29323271  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



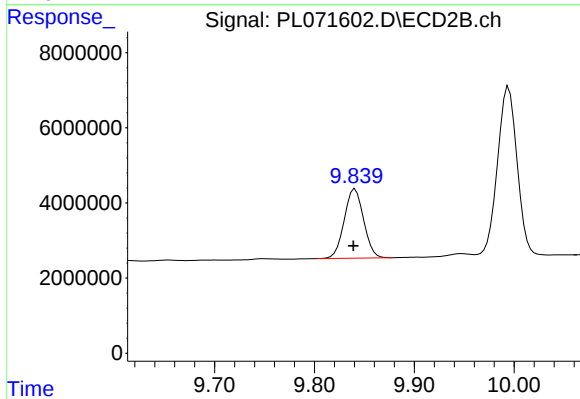
#19 Endosulfan Sulfate

R.T.: 9.498 min  
Delta R.T.: 0.002 min  
Response: 54309452  
Conc: 55.41 ng/ml



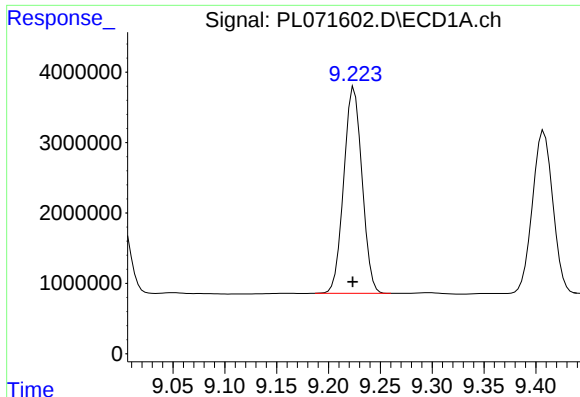
#20 Methoxychlor

R.T.: 9.000 min  
Delta R.T.: 0.002 min  
Response: 14762499  
Conc: 45.58 ng/ml



#20 Methoxychlor

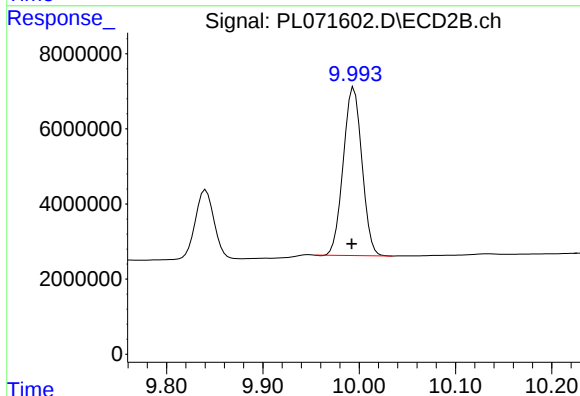
R.T.: 9.841 min  
Delta R.T.: 0.002 min  
Response: 24848388  
Conc: 49.50 ng/ml



#21 Endrin ketone

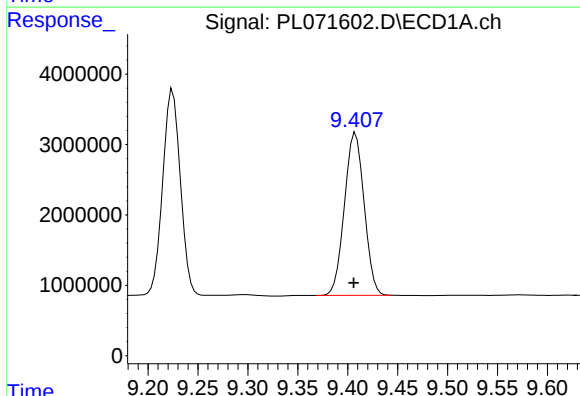
R.T.: 9.225 min  
Delta R.T.: 0.001 min  
Response: 35964728  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



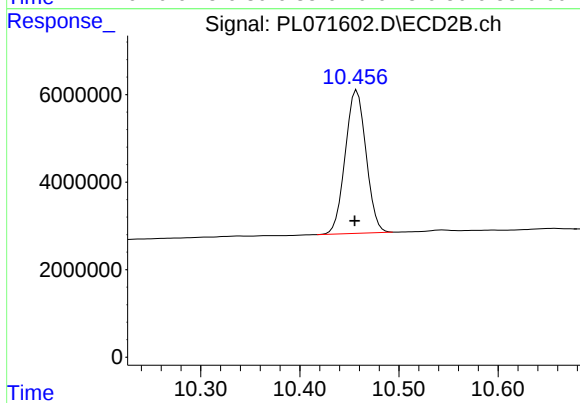
#21 Endrin ketone

R.T.: 9.995 min  
Delta R.T.: 0.002 min  
Response: 60146004  
Conc: 57.20 ng/ml



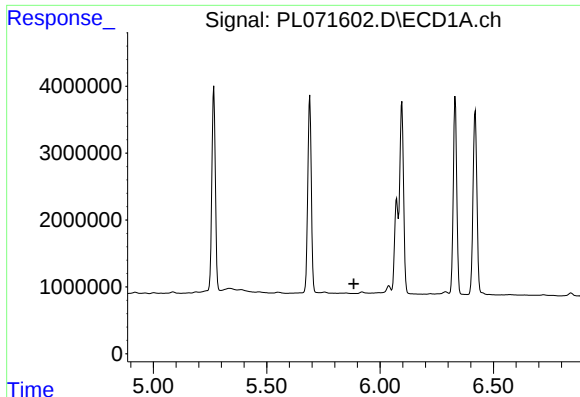
#22 Mirex

R.T.: 9.408 min  
Delta R.T.: 0.002 min  
Response: 31740099  
Conc: 54.71 ng/ml



#22 Mirex

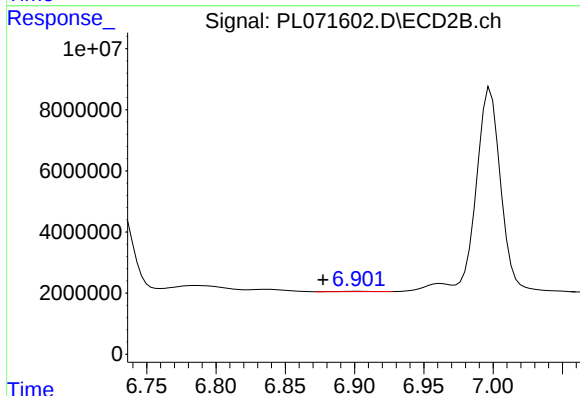
R.T.: 10.458 min  
Delta R.T.: 0.002 min  
Response: 47808843  
Conc: 59.40 ng/ml



#23 Chlordane-1

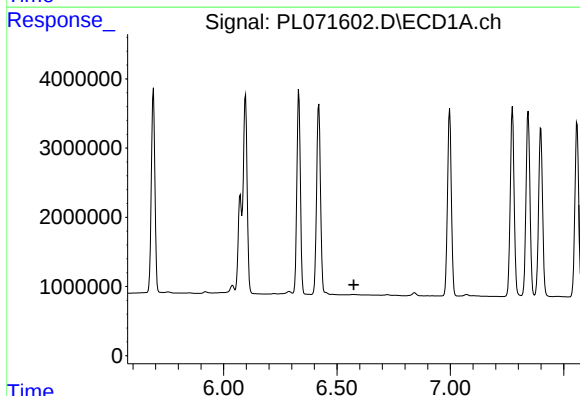
R.T.: 0.000 min  
Exp R.T.: 5.884 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



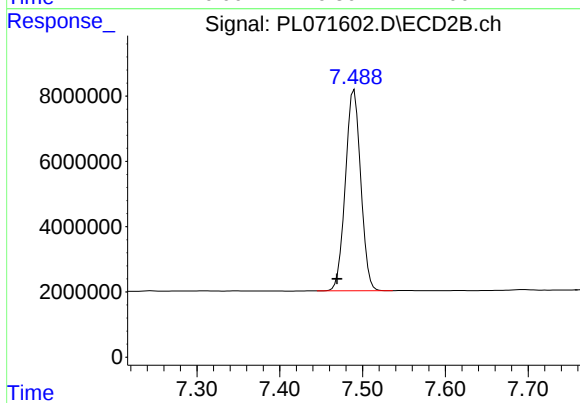
#23 Chlordane-1

R.T.: 6.903 min  
Delta R.T.: 0.025 min  
Response: 170699  
Conc: 3.71 ng/ml



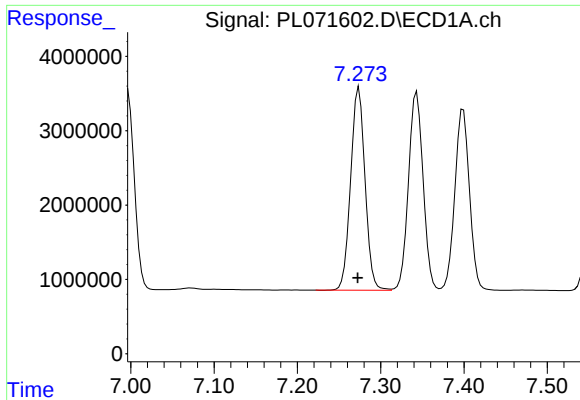
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

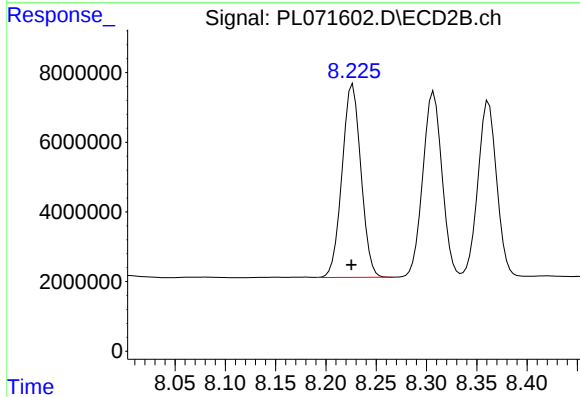
R.T.: 7.490 min  
Delta R.T.: 0.021 min  
Response: 79456466  
Conc: 1684.86 ng/ml



#25 Chlordane-3

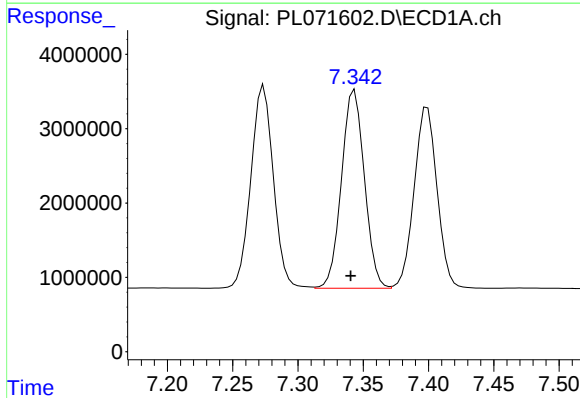
R.T.: 7.274 min  
Delta R.T.: 0.002 min  
Response: 32695003  
Conc: 564.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



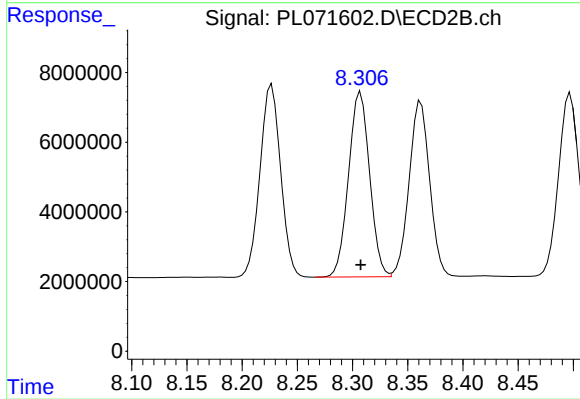
#25 Chlordane-3

R.T.: 8.227 min  
Delta R.T.: 0.001 min  
Response: 72193344  
Conc: 412.40 ng/ml



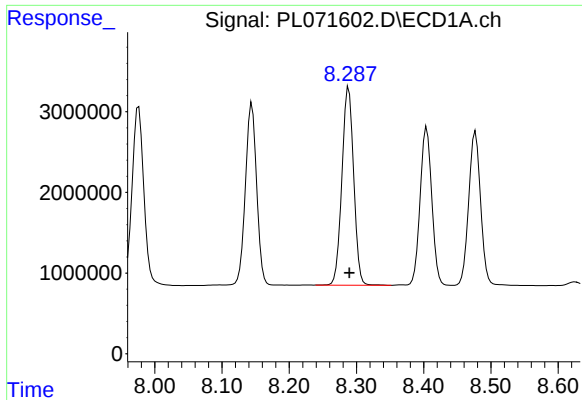
#26 Chlordane-4

R.T.: 7.343 min  
Delta R.T.: 0.003 min  
Response: 32595254  
Conc: 525.10 ng/ml



#26 Chlordane-4

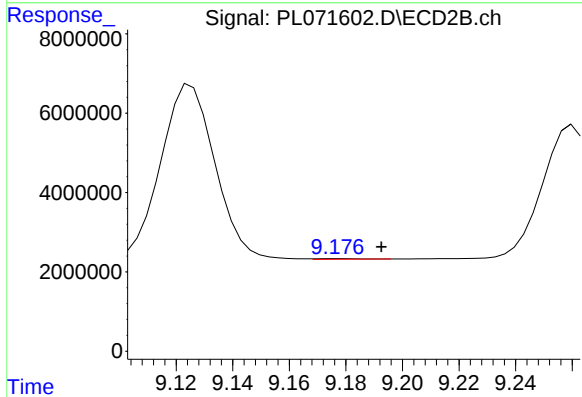
R.T.: 8.307 min  
Delta R.T.: 0.000 min  
Response: 70589566  
Conc: 336.21 ng/ml



#27 Chlordane-5

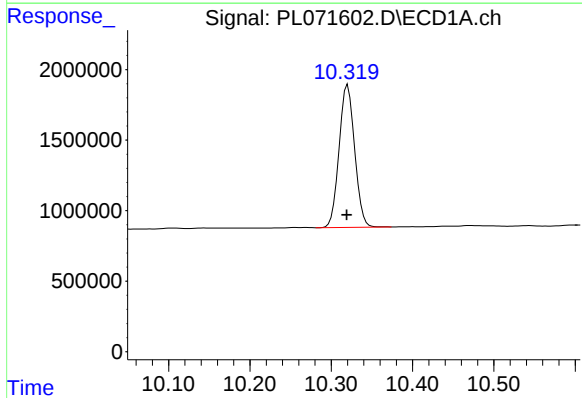
R.T.: 8.288 min  
Delta R.T.: -0.001 min  
Response: 29770845  
Conc: 1392.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



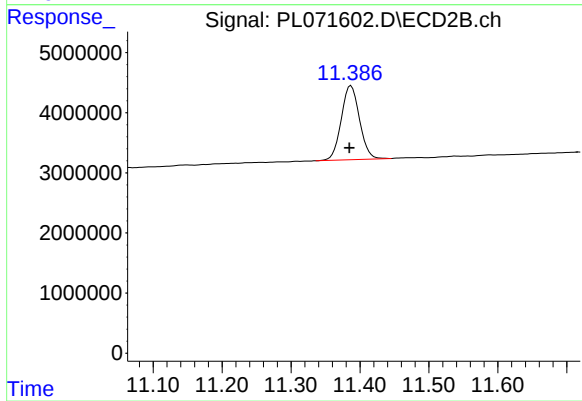
#27 Chlordane-5

R.T.: 9.178 min  
Delta R.T.: -0.015 min  
Response: 154458  
Conc: 4.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min  
Delta R.T.: 0.001 min  
Response: 13403405  
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.387 min  
Delta R.T.: 0.002 min  
Response: 22707263  
Conc: 20.90 ng/ml